



THE KISSNER GROUP
 32 Cherry Blossom Road
 Cambridge, Ontario N3H 4R7
 1 (800) 434-8248 • (519) 279-4860
 Fax: (877) 434-8250



SAFETY DATA SHEET 5101-5SDS

Section 1: Product Identification

Product Name	Ice Patrol Rock Salt
Identified Uses	Melt Snow and Ice
Supplier's Details	The Kissner Group 32 Cherry Blossom Road Cambridge, Ontario, Canada N3H 4R7
Phone Number	(519) 279-4860
Emergency Contact (24 Hrs)	(613) 996-6666 CANUTEC

Section 2: Hazard Identification

Classification (GHS)	Not Classified
GHS Labelling	No Labelling applicable
Percentage	Not applicable
Other Hazards	Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Corrosive to metals upon prolonged contact.

Section 3: Composition/Information On Ingredients

Ingredients	Percentage	CAS. NO.	Classification
Sodium Chloride	100%	7647-14-5	Not Classified

Section 4: First-Aid Measures

Description of First Aid Measures

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
Inhalation	When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Skin Contact	Remove contaminated clothing. Brush off loose particles. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Brush off loose particles. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
Chronic Symptoms	Not available

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Fire Hazard:	Not considered flammable but may burn at high temperatures.
Explosion Hazard:	Product is not explosive.
Hazardous Combustion Products:	May include and are not limited to: Hydrogen chloride. Chlorine. Oxides of sodium.



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Protective equipment for firefighters

Firefighters should wear full protective clothing including self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal Precautions

Avoid breathing (dust). Avoid all contact with skin, eyes, or clothing.

Protective Equipment:

Use appropriate personal protection equipment (PPE).

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods for Cleaning Up

Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Contact competent authorities after a spill.

Section 7: Handling And Storage

Handling

Use good industrial hygiene practices in handling this material. Avoid breathing dusts from this material.

Storage

Keep out of reach of children. Keep containers tightly closed in a cool, well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.



Materials for Protective Clothing:

Chemically resistant materials and fabrics.

Hand Protection:

Wear chemically resistant protective gloves.

Eye Protection:

Chemical goggles or face shield.

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations are expected to exceed exposure limits.

Section 9: Physical And Chemical Properties

Appearance/ Physical State

White Granules. Odorless.

Vapour Pressure (mm Hg at 20°C)

2.4

Vapour Density (Air = 1.0)

Not available

Bulk Density

Not available

Solubility in Water

36G/100g H₂O @ 20°C

Specific Gravity (gm/cc, Water = 1.0)

Approx. 2.17



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% Volatile by Volume	Non-volatile
Boiling Range (Deg. Celsius)	1465
Melting Point	800.4
Coefficient of Water/Oil Distribution	Not available
pH	10 (1% solution @ 20°C)

Section 10: Stability And Reactivity

Chemical Stability:	Stable under normal conditions.
Reactivity:	Reactive with oxidizing agents, acids, lithium, bromine trifluoride.
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	Do not mix with incompatible materials.
Incompatible Materials:	Acids. Oxidizers.
Hazardous Decomposition Products:	May include and are not limited to: Hydrogen chloride. Chlorine. sodium oxides

Section 11: Toxicological Information

Acute Toxicity:	Not classified
LD50 and LC50 Data:	Not available
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Teratogenicity:	Not available
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Not classified
Aspiration Hazard:	Not classified

Information on Toxicological Effects - Ingredient(s)

Sodium chloride (7647-14-5)	LD50 Oral Rat	3 g/kg
	LC50 Inhalation Rat	> 42 g/m ³ (Exposure time: 1 h)

Section 12: Ecological Information

Toxicity No additional information available

Sodium chloride (7647-14-5)

LC50 Fish 1	5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow- through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Persistence and degradability Not available



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Bio accumulative potential

Sodium chloride (7647-14-5)	BCF Fish 1	(no bioaccumulation)
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Mobility in Soil

Not available

Other Information

Avoid release to the environment

Section 13: Disposal Considerations

Waste Disposal

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Recommendations

Section 14: Transport Information

In Accordance with DOT

Not regulated for transport

In Accordance with IMDG

Not regulated for transport

In Accordance with IATA

Not regulated for transport

In Accordance with TDG

Not regulated for transport

Section 15: Regulatory Information

US Federal Regulations

Sodium chloride (7647-14-5)	Listed on the United States TSCA (Toxic Substances Control Act) inventory
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Canadian Regulations

Ice Patrol Rock Salt	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Sodium chloride (7647-14-5)	Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Section 16: Other Information

Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Effective Date:

April 22, 2015

Version

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Contact

sds@kissner.com

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